

*Atty Docket: HES 2004-IP-013105U1**Patent***AMENDMENTS TO THE SPECIFICATION**

In paragraph 0004:

[0004] During drilling, the wellbore may experience washout in which its hole size becomes enlarged. As a result, the actual size of the annulus may be unknown by the time the cement slurry is pumped therein, making it difficult to know when a sufficient amount of cement slurry to fill the annulus has been pumped into the wellbore. One way that can be used to determine the appropriate time to stop pumping the cement slurry into the wellbore is to identify when the cement slurry returns to the surface of the earth. However, this identification has proven to be a challenge, particularly when performing drilling offshore where cement returns to the sea floor are extremely difficult to confirm. While attempts have been made to recognize such cement returns by placing dyes in the cement slurry, those attempts often have failed. Therefore, a need exists to develop a method for determining the amount of cement slurry required to fill the annulus of a wellbore.